

ABSTRACT

A process for controlling and a core drilling machine (1) having an electrical motor (2) for rotational drive of a core drill bit (3) having cutting edges (5) oriented axial to a work piece (4), a feeding means (6) for generating the feed of the core drill bit (3) against the work piece (4) and having a controller (7) for controlling, relative to a first one-to-one control parameter, detected by a sensor (8, 8') for electrical power consumption (P) or torque (M). A force sensor (9, 9') is connected to the controller (7) for detecting the contact pressing force (F_N) of the core drill bit (3) as the second control parameter.